

Nitric Oxide (NO) Donor+cGMP-PDE5 Inhibitor As A Topical Drug For Glaucoma

Abstract of Disclosure

A new topical drug (ointment or eye drop) for treating glaucoma or ocular hypertension in a patient, which comprises a mixture of a nitric oxide (NO) donor such as nitrovasodilators like minoxidil, nitroglycerin, L-arginine, isosorbide dinitrate, or nitroprusside, and a cyclic guanosine 3', 5'-monophosphate (cGMP) specific phosphodiesterase type 5 (PDE5) inhibitor such as sildenafil citrate (Viagra^{RTM}) in an ophthalmologically acceptable solution mix. In this manner there will be increased blood circulation to the optic nerve and the ocular hypotensive effect of the combined compounds is enhanced synergistically.

